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### **PCT**

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H04N 5/21,

(21) International Application Number: PCT/US00/24708

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8 September 2000 (08.09.2000)

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English

(26) Publication Language:

English

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60/152,859

8 September 1999 (08.09.1999) US

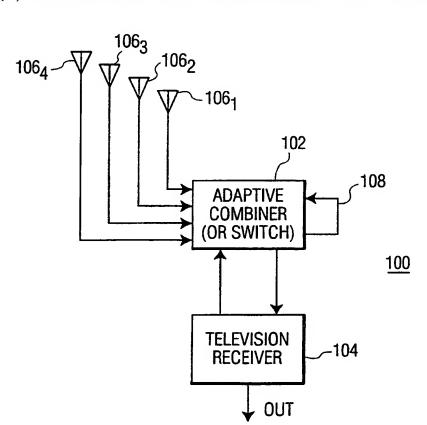
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
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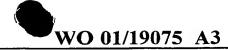
[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR REDUCING MULTIPATH DISTORTION IN A TELEVISION SIGNAL



(57) Abstract: A method and apparatus for reducing multipath distortion in a television signal inleudes a plurality of antenna elements for receiving spatially unique replicas of a desired television signal. The plurality of spatially unique replicas of the television signal are coupled to an adaptive combiner for generating a spatially combined signal to be input to a television receiver.

7/1007/





#### Published:

with international search report

(88) Date of publication of the international search report: 20 September 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.





(PCT Article 18 and Rules 43 and 44)

FOR FURTHER see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.							
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)					
PCT/US 00/ 24708 08/09/2000 08/09/1999							
Applicant							
THOMSON LICENSING S.A. et	al.						
This International Search Report has been according to Article 18. A copy is being tra		Authority and is transmitted to the applicant					
This International Search Report consists of X It is also accompanied by a	of a total of6sheets. a copy of each prior art document cited in t	his report.					
1. Basis of the report							
a. With regard to the language, the ii language in which it was filed, unle	nternational search was carried out on the ess otherwise indicated under this item.	basis of the international application in the					
the international search wa Authority (Rule 23.1(b)).	as carried out on the basis of a translation o	of the international application furnished to this					
b. With regard to any nucleotide and was carried out on the basis of the	d/or amino acid sequence disclosed in the sequence listing: nal application in written form.	e international application, the international search					
	national application in computer readable f	form.					
furnished subsequently to	this Authority in written form.						
furnished subsequently to	this Authority in computer readble form.						
the statement that the sub-	sequently furnished written sequence listing filed has been furnished.	g does not go beyond the disclosure in the					
		m is identical to the written sequence listing has been					
2. Certain claims were foun	nd unsearchable (See Box I).						
3. Unity of invention is lack	ing (see Box II).						
4. With regard to the title,							
X the text is approved as sub	omitted by the applicant.						
the text has been establish	ned by this Authority to read as follows:						
5. With regard to the abstract,							
X the text is approved as sub	omitted by the applicant.						
the text has been establish		ority as it appears in Box III. The applicant may, report, submit comments to this Authority.					
6. The figure of the <b>drawings</b> to be publis	shed with the abstract is Figure No.	1					
X as suggested by the applic	ant.	None of the figures.					
because the applicant faile	d to suggest a figure.	_					
because this figure better characterizes the invention.							

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	ernational Searching Authority found multiple inventions in this international application, as follows:
	see additional sheet
1. 🗶	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark	The additional search fees were accompanied by the applicant's protest.     X   No protest accompanied the payment of additional search fees.

### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-8

Apparatus for reducing multipath distorsion in a television signal.

2. Claims: 9-13

Loop antenna.



International Application No /US 00/24708

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04N5/21 H04B7/08

H01Q9/26

According to International Patent Classification (IPC) or to both national classification and IPC

#### **B. FIELDS SEARCHED**

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ IPC 7 & H04N & H04B & H01Q \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, WPI Data, EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 100 496 A (AKIYOSHI TSUYOSHI ET AL) 11 July 1978 (1978-07-11) column 2, line 30 - line 44 column 5, line 5 - line 17; figure 4	1,5
A	GB 2 257 605 A (BRENNAN PAUL VICTOR) 13 January 1993 (1993-01-13) page 1, paragraph 7 -page 2, paragraph 1; figure 1	1,3,5,6
A	US 4 497 067 A (NAMIKI JUNJI) 29 January 1985 (1985-01-29) column 1, line 53 - line 25 column 3, line 34 - line 61; figure 2	1,5

Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.		
"A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>		
Date of the actual completion of the international search	Date of mailing of the international search report		
26 February 2001	0 9. 03. 2001		
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,  Fax: (+31–70) 340–3016	Authorized officer Fuchs, P		

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International	Application No
/US	00/24708

	I Delousette eleje No
Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
US 4 498 885 A (NAMIKI JUNJI) 12 February 1985 (1985-02-12) column 1, line 42 -column 2, line 2 column 3, line 61 -column 4, line 38; figures 1,4-6	1,5
EP 0 221 475 A (TOKYO SHIBAURA ELECTRIC CO) 13 May 1987 (1987-05-13) the whole document	1
US 4 397 041 A (TAKEDA SHIGEKI ET AL) 2 August 1983 (1983-08-02) abstract column 2, line 41 -column 3, line 12; figures 1,2 column 3, line 35 -column 4, line 64; figure 3	1,3,5
US 4 338 606 A (TADA MASAHIRO ET AL) 6 July 1982 (1982-07-06) column 1, line 58 -column 2, line 16 column 2, line 47 -column 3, line 45; figures 1,2	9,11
DE 34 27 629 A (SIEMENS AG) 30 January 1986 (1986-01-30) page 4, line 5 - line 21 page 9, line 29 -page 11, line 30; figure 2	9
	12 February 1985 (1985-02-12) column 1, line 42 -column 2, line 2 column 3, line 61 -column 4, line 38; figures 1,4-6  EP 0 221 475 A (TOKYO SHIBAURA ELECTRIC CO) 13 May 1987 (1987-05-13) the whole document  US 4 397 041 A (TAKEDA SHIGEKI ET AL) 2 August 1983 (1983-08-02) abstract column 2, line 41 -column 3, line 12; figures 1,2 column 3, line 35 -column 4, line 64; figure 3  US 4 338 606 A (TADA MASAHIRO ET AL) 6 July 1982 (1982-07-06) column 1, line 58 -column 2, line 16 column 2, line 47 -column 3, line 45; figures 1,2  DE 34 27 629 A (SIEMENS AG) 30 January 1986 (1986-01-30) page 4, line 5 - line 21 page 9, line 29 -page 11, line 30; figure

3

International Application No tion on patent family members /US 00/24708 Patent document Publication Patent family Publication member(s) date cited in search report date JP US 4100496 Α 11-07-1978 1257797 C 29-03-1985 JP 52060046 A 18-05-1977 JP 59031241 B 01-08-1984 1078957 A 03-06-1980 CA GB 1568235 A 29-05-1980 GB 2257605 Α 13-01-1993 NONE 24-01-1984 US 4497067 Α 29-01-1985 JP 59013441 A 559343 B 05-03-1987 ΑU ΑU 1680883 A 19-01-1984 CA 1203849 A 29-04-1986 DE 3374258 D 03-12-1987 EP 0099113 A 25-01-1984 US 4498885 Α 12-02-1985 JP 59013442 A 24-01-1984 ΑU 563228 B 02-07-1987 AU 1680983 A 19-01-1984 CA 1210073 A 19-08-1986 DE 3361292 D 02-01-1986 0099112 A 25-01-1984 ΕP EP 0221475 13-05-1987 JP 62100034 A 09-05-1987 Α DE 3683444 A 27-02-1992 02-08-1983 JP 56122503 A 26-09-1981 US 4397041 Α JP 56122509 A 26-09-1981 DE 3108029 A 14-01-1982 GB 2089578 A.B 23-06-1982 JP 26-06-1980 US 4338606 06-07-1982 55085106 A Α 55085105 A 26-06-1980 JP 532289 B 22-09-1983 ΑU 26-06-1980 ΑU 5396579 A 27-07-1982 CA 1128654 A DE 2951875 A 10-07-1980 FR 2445041 A 18-07-1980

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30-01-1986

NONE

30-07-1980

24-06-1980

DE 3427629

Α



### **PCT**

REC'D 1 6 JAN 2002

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

12

	•	ent's file reference	FOR FURTHER A	ATIALI	e Notification of Transmittal of International			
RCA 89	9783		TOTTOTTIERA		eliminary Examination Report (Form PCT/IPI	=A/416) 		
		lication No.	International filing date	(day/month/year				
	PCT/US00/24708 08/09/2000 08/09/1999							
H04N5/	21	ent Classification (IPC) or na	tional classification and IP	·c	·			
Applicant THOMS		ICENSING S.A. et al.						
		ational preliminary exam smitted to the applicant a		prepared by t	this International Preliminary Examining	Authority		
2. This	REPO	ORT consists of a total of	8 sheets, including this	s cover sheet.				
	been a	eport is also accompanie amended and are the bas tule 70.16 and Section 60	sis for this report and/or	sheets contai	scription, claims and/or drawings which ining rectifications made before this Autunder the PCT).	have thority		
The	se ann	exes consist of a total of	sheets.					
3. This	report	contains indications rela	iting to the following iter	ns:		-		
I	$\boxtimes$	Basis of the report						
11		Priority						
Ш		Non-establishment of o	pinion with regard to no	ovelty, inventiv	e step and industrial applicability			
IV		Lack of unity of invention	on					
V	⊠	Reasoned statement ur citations and explanation			lty, inventive step or industrial applicabi	lity;		
VI		Certain documents cité	ed					
VII	$\boxtimes$	Certain defects in the in	ternational application					
VIII		Certain observations or	n the international applic	cation				
Date of su	bmissio	on of the demand		Date of comple	etion of this report			
04/04/20	001			14.01.2002				
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<u>)</u> ))	D-80	)298 Munich +49 89 2399 - 0 Tx: 523656	s epmu d	Loeser, E	San Fan to	_ <b></b>		
	Fax: +49 89 2399 - 4465			Telephone No. 40.00.0000 0.400				



## **PCT**

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicantic	01.000	ento filo reference	1						
RCA 897		ent's file reference	FOR FURTHER AC	TION		ation of Transmittal of International Examination Report (Form PCT/IPEA/416)			
Internationa		ication No.	International filing date (c	lay/month	/year)	Priority date (day/month/year)			
	PCT/US00/24708 08/09/2000 08/09/1999								
International H04N5/2		ent Classification (IPC) or na	tional classification and IPC	;					
Applicant	Applicant								
тномѕо	ON L	ICENSING S.A. et al.							
1. This i	nterna s trans	ational preliminary exam smitted to the applicant a	ination report has been according to Article 36.	prepared	l by this Inte	ernational Preliminary Examining Authority			
2. This f	REPC	ORT consists of a total of	8 sheets, including this	cover st	neet.				
b (\$	☐ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).  These annexes consist of a total of sheets.								
3. This r	eport	contains indications rela	iting to the following iten	ns:					
1	×	Basis of the report							
11		Priority							
111		Non-establishment of o	pinion with regard to no	velty, inv	entive step	and industrial applicability			
ΙV	$\boxtimes$	Lack of unity of invention							
V	☒	Reasoned statement un citations and explanation	nder Article 35(2) with re ons suporting such state	egard to i ement	novelty, inve	entive step or industrial applicability;			
VI		Certain documents cite	ed						
VII	$\boxtimes$	Certain defects in the in	nternational application						
VIII		Certain observations or	n the international applic	ation					
Date of sub	missio	on of the demand		Date of o	completion of	this report			
04/04/20	01			14.01.20	002				
		g address of the internationa ining authority:		Authoriz	ed officer	STATE ASONES MATORITION			
	Euro	pean Patent Office							
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# INTERNATIONAL PRELIMINARY EXAMINATION REPORT



International application No. PCT/US00/24708

			•	
I.	Bas	sis of the report		
1.	the and	receiving Office in	ements of the international application (Replacement shape in response to an invitation under Article 14 are referred to this report since they do not contain amendments (R	to in this report as "originally filed"
	1-1	1	as originally filed	
	Cla	ims, No.:		
	1-1	3	as originally filed	
	Dra	wings, sheets:		
	1-7		as originally filed	
<ol><li>With regard to the language, all the elements marked above were available or furnished to this Aut language in which the international application was filed, unless otherwise indicated under this item</li></ol>				
	language: , which is:			
		the language of a	a translation furnished for the purposes of the internatio	nal search (under Rule 23.1(b)).
		the language of po	publication of the international application (under Rule 4	l8.3(b)).
		the language of a 55.2 and/or 55.3).	a translation furnished for the purposes of international).	preliminary examination (under Rul
<ol> <li>With regard to any nucleotide and/or amino acid sequence disclosed in the internation international preliminary examination was carried out on the basis of the sequence listing</li> </ol>				e international application, the uence listing:
		contained in the in	international application in written form.	
		filed together with	n the international application in computer readable form	n
		furnished subsequ	uently to this Authority in written form.	
		furnished subsequ	quently to this Authority in computer readable form.	
		The statement that the international a	at the subsequently furnished written sequence listing a application as filed has been furnished.	does not go beyond the disclosure i
		The statement tha listing has been fu	at the information recorded in computer readable form urnished.	is identical to the written sequence
4.	The	amendments have	ve resulted in the cancellation of:	

pages:

Nos.:

☐ the description,

 $\Box$  the claims,



# INTERNATIONAL PRELIMINARY EXAMINATION REPORT



International application No. PCT/US00/24708

		the drawings,	sheets:						
5.		This report has been considered to go bey	establishe	ed as if (se sclosure a	some of) the amendments had not been made, since they have been as filed (Rule 70.2(c)):	∍n			
		(Any replacement sh report.)	eet contail	ning such	a amendments must be referred to under item 1 and annexed to thi	s			
6.	Add	ditional observations, i	f necessar	y:					
					*				
IV.	. Lac	ck of unity of invention	on						
1.	In r	esponse to the invitati	on to restri	ict or pay	additional fees the applicant has:				
		restricted the claims.							
	×	paid additional fees.							
		paid additional fees under protest.							
		neither restricted nor	paid addit	tional fees	s.				
2.		This Authority found that the requirement of unity of invention is not complied and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.							
3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13					t of unity of invention in accordance with Rules 13.1, 13.2 and 13.3	l is			
		complied with.							
	×	not complied with for see separate sheet	the follow	ing reaso	ons:				
4.		nsequently, the followi Imination in establishii			national application were the subject of international preliminary				
	×	all parts.							
		the parts relating to	claims Nos						
V.		asoned statement un ations and explanation			vith regard to novelty, inventive step or industrial applicability;	;			
1.	Sta	tement		•					
	Nov	velty (N)	Yes: No:	Claims Claims	• • • •				
	Inve	entive step (IS)	Yes: No:	Claims Claims	10,13 1-9,11,12				



# INTERNATIONAL PRELIMINARY EXAMINATION REPORT



International application No. PCT/US00/24708

Industrial applicability (IA)

Yes:

Claims 1-13

No: Claims

2. Citations and explanations see separate sheet

### VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted: see separate sheet



# 6

## INTERNATIONAL PRELIMINARY Inte

International application No. PCT/US00/24708

### EXAMINATION HELD OTT DEL AUTOLE CHIEF

#### 1. General

The present application does not satisfy the criteria set forth in Rule 13 and Articles 33(2) and 33(3) PCT. Details of the objections are set out below.

### 2. Concerning Section IV - Rule 13.1 /Rule 13.2 PCT (Unity)

In agreement with the findings set out in the International Search Report it is considered that the application lacks unity (Rule 13(1) PCT contravened).

The following separate inventions/groups of inventions are identified:

Group I : Claims 1-8 (main invention: adaptive diversity
 reception for reducing multipath distortion, using a multi element antenna );

Group II: Claims 9-13 (multi-element loop antenna forming a circular arrangement).

The different groups identified above are not so linked as to form a single general inventive concept (Rule 13.1 PCT).

### 3. Concerning Section V - Articles 33(2) and 33(3) PCT

The following documents are cited - the numbering will be adhered to in the rest of the procedure:

D1: US-A-4 100 496;

D2: GB-A-2 257 605;

D3: US-A-4 497 067;

D4: US-A-4 498 885;

D5: EP-A-0 221 475;

D6: US-A-4 397 041;

D7: US-A-4 338 606;

D8: DE-A-3 427 629;

D9: US-A-5 784 032.

Document D9 is cited from the examiner's own knowledge (see





# INTERNATIONAL PRELIMINARY International application No. PCT/US00/24708 EXAMINATION REPORT - SEPARATE SHEET

Guidelines, C-VI, 8.9). A copy of the document is annexed to the communication.

### 3.1 Claims of group I

- 3.1.1. The subject-matter of claim 1 is anticipated by the disclosure of any of D1 (abstract), D3 (abstract), D4 (abstract), D5 (abstract), D6 (abstract), D7 (abstract), D9 (abstract; Figs. 29A,B). Thus the claim contravenes Art. 33(2) and (3) PCT. The same findings apply to claim 5.
- 3.1.2. As to claim 2, it is considered common practice in diversity reception using plural antenna elements to provide one feed port for each antenna element. The skilled person would also consider using any kind of well-known antenna types, including ones of the loop type (cf D6 (abstract), D7 (abstract), D8 (abstract), D9 (abstract)) in accordance with his/her particular requirements. D7, D8 and D9 further disclose feed points for the respective plural loop antenna elements disposed around the perimeter thereof. Thus all additional features of claim 2 are known in the art and thus cannot establish an inventive step (Art. 33(3) PCT contravened).
- 3.1.3. As to claim 3, it is common practice in the art to provide tuning or matching elements at antenna feed ports (cf eg D6: abstract; D7: Fig. 2; D9: Fig. 29A). Moreover, it is common practice in diversity reception to provide for each of plural antenna elements a variable phase and/or gain function so as to enable appropriate weighting of the respective signals in order to obtain an optimal summed signal (cf eg D1 (abstract); D2 (abstract which shows equivalent baseband weighting at the output of a receiver module provided for each antenna element); D6 (abstract disclosing on/off weighting by switching ref. 12). Finally, it is obvious that under (typically variable) multipath conditions such as with mobile reception, the weighting for the different antenna elements cannot be carried out manually in an optimum manner. Thus the skilled person is led to provide a control processor for this task (cf eg D2: abstract; D3: abstract;



# 6

### INTERNATIONAL PRELIMINARY Inter EXAMINATION REPORT - SEPARATE SHEET

International application No. PCT/US00/24708

D4: abstract; D9: Fig. 29A). The task implicitly requires an algorithm to control the weighting and deriving a figure of merit. In light of the above, the additional features of claim 3 cannot establish an inventive step (Art. 33(3) PCT contravened).

These findings correspondingly apply to claims 6 and 7.

3.1.4 The additional features of claims 4 and 8 are also considered obvious design options (Art. 33(3) PCT contravened).

#### 3.2 Claims of group II

- 3.2.1. Claim 9: Loop antennas having plural conductive strips arranged in a circular pattern are known in the art (D7: abstract; D8 (abstract); D9 (abstract). D8 discloses strips each comprising at least one narrowed portion 8, a feed point 7 comprising a gap defined by the at least one narrowed portions, and a signal coupler 13,14 proximate the feed point. Thus it is considered that the subject-matter of claim 1 lacks novelty in light of the disclosure of D8 (Art. 33(2),(3) PCT contravened).
- 3.2.2. The additional features of claim 11 are well-known in the art and thus obvious design options (cf section 3.1.3 above).
- 3.2.3. D8 anticipates the circular substrate claimed in claim 12. Thus the claim contravenes Art. 33(2) and (3) PCT.
- 3.2.4. The additional features of any of claims 10 and 13 do not appear to be disclosed in or rendered obvious from any of the presently available documents representing the prior art.
- 4. Concerning Section VII: Description and other belongings
- 4.1. The claims are not cast in the two-part form as required by Rule 6.3(b) PCT.
- 4.2. The claims are not complemented with reference signs as required by Rule 6.2(b) PCT.





# INTERNATIONAL PRELIMINARY International application No. PCT/US00/24708 EXAMINATION REPORT - SEPARATE SHEET

- 4.3. A document reflecting the prior art described on page 1 is not identified in the description (Rule 5.1(a)(ii) PCT).
- 4.4. Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the documents D1-D9 cited above is not mentioned in the description, nor are these documents identified therein.
- 4.5. Following from the provisions of the PCT Preliminary Examination Guidelines Chapter II 4.17, statements such as "incorporated by reference" as presently found on page 1 (lines 5-6) of the description should be removed from the description unless the referenced matter is essential to satisfy the requirements of Art. 5 PCT. In such a particular case, respective subject-matter may and shall be explicitly included in the description, given that particular criteria set out in the cited section of the Guidelines are simultaneously met.

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

То:			PCT
TRIPOLI, Joseph S. THOMSON MULTIMEDIA LICENS P.O. Box 5312 Princeton, New Jersey 08540 ETATS-UNIS D'AMERIQUE	SING INC.  DEGETY  JAN 2920  IS 8.5	THE INTE	TION OF TRANSMITTAL OF RNATIONAL PRELIMINARY AMINATION REPORT (PCT Rule 71.1)
Applicant's or agent's file reference RCA 89783	10	IM	PORTANT NOTIFICATION
International application No. PCT/US00/24708	International filing date (da 08/09/2000	ay/month/year)	Priority date (day/month/year) 08/09/1999
Applicant THOMSON LICENSING S.A. et al			

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- 3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

#### 4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected see Volume II of the

PCT Applicant's Guide.

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